

			<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>			3a. ISSUED BY:			
						Office of Naval Research 140 Sylvester Road Bldg. 140, Rm 218 San Diego CA 92106-3501			
4. AWARD NO.: N00014-18-1-2679			1. INSTRUMENT TYPE: Grant Award			3b. CFDA: 12.300			
			2. AUTHORITY: 10 USC 2358 and 31 USC 6304, as amended			3c. DUNS NUMBER: 009584210			
8. ACTIVITY/AGENCY PROPOSAL NO.:			5. MODIFICATION NO.: P00001		6. MODIFICATION TYPE: RD		7. PR NO.: 4720005074		
9. RECIPIENT PROPOSAL NO.:			10. PROPOSAL DATE: 04/09/2018			11. ACTIVITY TYPE: R&D		12. PROGRAM TYPE: ONR	
13. ISSUED TO 13a. ADDRESS:		13b. CAGE: 80707		13c. EDI/EFT NUMBER: N/A		14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as Block # 13			
CALIFORNIA INSTITUTE OF TECHNOLOGY CALTECH 1200 E CALIFORNIA BLVD PASADENA CA 91125-0001 UNITED STATES OF AMERICA									
13d. BUSINESS OFFICE CONTACT: Montel Rudolph									
13e. TELEPHONE NUMBER: 626-395-4910		13f. EMAIL ADDRESS: montel.rudolph@caltech.edu							
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: A Strategy for Fabricating Room-Temperature Cuprate Superconductors									
16. FUNDING						17. CURRENT FUNDING PERIOD			
PREVIOUSLY OBLIGATED:						N/A THROUGH N/A			
OBLIGATED BY THIS ACTION:						18. PERIOD OF PERFORMANCE 09/01/2018 THROUGH 08/31/2021			
TOTAL OBLIGATED ON AWARD:									
FUTURE FUNDING:									
GRANT TOTAL:									
19. ACCOUNTING AND APPROPRIATION DATA: See Attached Financial Accounting Data Sheet(s)									
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: Carver Mead				21. TECHNICAL REPRESENTATIVE			21b. CODE:		
				21a. NAME: HAROLD COOMBE			331		
20b. TELEPHONE NUMBER: 626-395-2814				20c. EMAIL ADDRESS: carver@caltech.edu			21c. ADDRESS:		
							ONR SHIP SYSTEMS & ENGINEERING DIV 875 N. Randolph Street Arlington VA 22203-1995		
22. AWARDING OFFICE CONTACT		22b. CODE:		23a. ADMINISTRATIVE OFFICE:			23b. CODE:		
22a. NAME: VERONICA Y LACEY		BD253		ONR REG Office San Diego Telephone: (619) 221-5490 Email: ONR_San_Diego@navy.mil 140 Sylvester Road, Bldg. 140 Room 218 SAN DIEGO CA 92106			N66018		
22c. ADDRESS: Office of Naval Research 875 N. Randolph Street, Suite 1425 Arlington, VA 22203-1995				25b. CODE: HQ0339					
22d. TELEPHONE NUMBER: 703-696-2593		22e. EMAIL ADDRESS: VERONICA.LACEY@NAVY.MIL							
24. SUBMIT PAYMENT REQUEST TO: Same as block 23a			25a. PAYING OFFICE DFAS-CO/WEST ENTITLEMENT OPERATIONS HQ0339 PO Box 182381 COLUMBUS OH 43218			26a. PATENT OFFICE:		26b. CODE: N00014	
						Office of Naval Research ATTN: ONR Office of Counsel Intellectual Property Section One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995			

AWARD NO. N00014-18-1-2679		<b>AWARD/MODIFICATION</b>		MODIFICATION NO. P00001	
27. SPECIAL INSTRUCTIONS: See Special Requirements on Page 5					
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: <a href="http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx">http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx</a>					
This award provides full delegation to the administrative office in Block 23 of the grant. Full delegation includes the functions described in the DoDGARs at 32 CFR 22.715 and the administrative grants officer functions related to payments described in 32 CFR 22.810.					
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found at the specified URL.					
DOCUMENT		URL			
<p>The following documents may be found at :</p> <p><a href="http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx">http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx</a></p> <p>DOD RESEARCH AND DEVELOPMENT GENERAL TERMS AND CONDITIONS (SEPT 2017)</p> <p>UAWA AWARD A (SEP 2017)</p> <p>ADDENDUM TO THE DOD R&amp;D GENERAL TERMS AND CONDITIONS AND ONR PROGRAMMATIC REQUIREMENTS - DOMESTIC RESEARCH (MAY 2018)</p>					
30. OPTIONS	OPTION NO.	AMOUNT	PERIOD		
(1)					
(2)					
(3)					
(4)					
31. REPORTS: The reporting requirements under this award are specified in the articles of part 5 (Financial, Programmatic, and Property Reporting) to the DoD R&D general Terms and Conditions and in the additional language for Part 5 in the ONR Addendum to the DoD R&D General Terms and Conditions.					
32. FOR THE RECIPIENT			33. FOR THE UNITED STATES OF AMERICA		
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN			33a. SIGNATURE OF AWARDOFFICER Digitally signed by VERONICA LACEY 1231655901 Dated: 2018.08.20 14:30:54 EST		
32b. NAME AND TITLE OF SIGNER	32c. DATE SIGNED	33b. NAME AND TITLE OF AWARD OFFICER VERONICA LACEY		33c. DATE SIGNED 08/20/2018	

## FINANCIAL ACCOUNTING DATA SHEET - NAVY

1. CONTRACT NUMBER (CRITICAL) N00014-18-1-2679		2. SPIIN (CRITICAL)		3. MOD (CRITICAL) P00001		4. PR NUMBER 4720005074										
CLIN/SLIN	6. LINE OF ACCOUNTING												7.  AMOUNT (CRITICAL)		NAVY INTERNAL USE ONLY REF DOC/ACRN	
	A. ACRN (CRITICAL)	B. APPROPRIATION (CRITICAL)	C. SUBHEAD (CRITICAL)	D. OBJ CLA	E. PARM	F. RFM	G. SA	H. AAA (CRITICAL)	I. IT	J. PAA	K. COST CODE					
											PROJ UNIT	MCC				PDLI & SUF
PAGE TOTAL												\$0.00				
GRAND TOTAL												\$0.00				
PREPARED/AUTHORIZED BY:						COMPTROLLER APPROVAL:										
DATE:						FOR FISCAL DATA AND SIGNATURE						for COMPTROLLER, ONR CONTRACT REVIEWED				
						BY _____										
DATE:						DATE:										

## FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-18-1-2679		2. SPIIN (CRITICAL)		3. MOD (CRITICAL) P00001		4. PR NUMBER 4720005074		
5. CLIN/SLIN	6. ACRN (CRITICAL)	7.  ACCOUNTING CITATION				8.  AMOUNT (CRITICAL)		NAVY INTERNAL USE ONLY REF DOC/ACRN
						PAGE TOTAL		
						GRAND TOTAL		
PREPARED/AUTHORIZED BY:				COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE				
DATE:				BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED				
				DATE:				

AWARD NO.  
N00014-18-1-2679

## SPECIAL REQUIREMENTS

MODIFICATION NO.  
P00001

The purpose of this modification is to correct the total award value  
from \$450,000.00 to \$225,000.00 .  
The future funding was reduced by \$225,000.00.  
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All other terms and conditions remain unchanged.